

PTO-1449

**Information Disclosure Citation
in an Application**

Application No.

Applicant(s)

John F. McHale, et al.

Docket Number

062891.0465

Group Art Unit

Filing Date

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09/652,369
09/13/04

U.S. PATENT DOCUMENTS

| | | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|-------------------------------------|---|--------------|----------|------------------|-------|----------|-------------|
| <input checked="" type="checkbox"/> | A | 3,532,827 | 10/00/70 | Ewin | 179 | 18 | |
| <input checked="" type="checkbox"/> | B | 3,821,484 | 06/00/74 | Sternung, et al. | 179 | 18EB | |
| <input checked="" type="checkbox"/> | C | 4,002,849 | 01/00/77 | Kotler, et al. | 179 | 18EB | |
| <input checked="" type="checkbox"/> | D | 4,282,408 | 08/00/81 | Stauers | 179 | 18FA | |
| <input checked="" type="checkbox"/> | E | 4,438,511 | 03/20/84 | Baran | 370 | 19 | |
| <input checked="" type="checkbox"/> | F | 4,665,514 | 05/00/87 | Ching, et al. | 370 | 60 | |
| <input checked="" type="checkbox"/> | G | 4,679,227 | 07/07/87 | Hughes-Hartogs | 379 | 98 | |
| <input checked="" type="checkbox"/> | H | 4,731,816 | 03/15/88 | Hughes-Hartogs | 379 | 98 | |
| <input checked="" type="checkbox"/> | I | 4,757,495 | 07/12/88 | Decker et al. | 370 | 76 | |
| <input checked="" type="checkbox"/> | J | 4,782,512 | 11/00/88 | Hutton | 379 | 98 | |
| <input checked="" type="checkbox"/> | K | 4,833,706 | 05/23/89 | Hughes-Hartogs | 379 | 98 | |
| <input checked="" type="checkbox"/> | L | 4,980,897 | 12/25/90 | Decker et al. | 375 | 38 | |
| <input checked="" type="checkbox"/> | M | 4,985,889 | 01/00/91 | Frankish, et al. | 370 | 94.1 | |

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| <input checked="" type="checkbox"/> | N | WO 97/37458 | 10/09/97 | PCT | | | | |
| <input checked="" type="checkbox"/> | O | 6376648 | 04/88 | Japan | H04L | 11/20 | Abst. only | X |
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|-------------------------------------|---|---------|
| <input checked="" type="checkbox"/> | S Horst Hessenmuller, et al. "Zugangsnetzstrukturen fur interaktive Videodienste (Teil 1), <i>Fernmelde Ingenieur, Der</i> , Vol. 48, No. 8, XP000647017, Germany, pages 1-32 (with English translation). | 08/1994 |
| <input checked="" type="checkbox"/> | T Horst Hessenmuller, et al. "Zugangsnetzstrukturen fur interaktive Videodienste (Teil 2), <i>Fernmelde Ingenieur, Der</i> , Vol. 48, No. 9, XP000619688, Germany, pages 1-28 (with English translation). | 09/1994 |
| <input checked="" type="checkbox"/> | U | |

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| <input checked="" type="checkbox"/> | A | 5,025,469 | 06/18/91 | Bingham | 379 | 98 | |
| <input checked="" type="checkbox"/> | B | 5,054,034 | 10/01/91 | Hughes-Hartogs | 375 | 8 | |
| <input checked="" type="checkbox"/> | C | 5,119,402 | 06/00/92 | Ginzburg, et al. | 375 | 17 | |
| <input checked="" type="checkbox"/> | D | 5,119,403 | 06/00/92 | Krishnan | 375 | 39 | |
| <input checked="" type="checkbox"/> | E | 5,134,611 | 07/92 | Steinka, et al. | 370 | 79 | |
| <input checked="" type="checkbox"/> | F | 5,185,763 | 02/00/93 | Krishnan | 735 | 39 | |
| <input checked="" type="checkbox"/> | G | 5,198,818 | 03/00/93 | Samueli, et al. | 341 | 144 | |
| <input checked="" type="checkbox"/> | H | 5,202,884 | 04/93 | Close, et al. | 370 | 94.1 | |
| <input checked="" type="checkbox"/> | I | 5,206,886 | 04/27/93 | Bingham | 375 | 97 | |
| <input checked="" type="checkbox"/> | J | 5,210,530 | 05/00/93 | Kammerer, et al. | 340 | 825.08 | |
| <input checked="" type="checkbox"/> | K | 5,214,650 | 05/00/93 | Renner, et al. | 370 | 110.1 | |
| <input checked="" type="checkbox"/> | L | 5,222,077 | 06/00/93 | Krishnan | 375 | 39 | |
| <input checked="" type="checkbox"/> | M | 5,228,062 | 07/13/93 | Bingham | 375 | 97 | |

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| <input checked="" type="checkbox"/> | A | 5,247,347 | 09/00/93 | Litteral, et al. | 358 | 85 | |
| <input checked="" type="checkbox"/> | B | 5,282,155 | 01/00/94 | Jones | 364 | 724.19 | |
| <input checked="" type="checkbox"/> | C | 5,285,474 | 02/00/94 | Chow, et al. | 375 | 13 | |
| <input checked="" type="checkbox"/> | D | 5,293,402 | 03/00/94 | Crespo, et al. | 735 | 14 | |
| <input checked="" type="checkbox"/> | E | 5,295,159 | 03/00/94 | Kerpez | 735 | 38 | |
| <input checked="" type="checkbox"/> | F | 5,331,670 | 07/00/94 | Sorbara, et al. | 375 | 111 | |
| <input checked="" type="checkbox"/> | G | 5,337,348 | 09/00/94 | Yamazaki, et al. | 379 | 94 | |
| <input checked="" type="checkbox"/> | H | 5,339,355 | 08/00/94 | Mori, et al. | 379 | 94 | |
| <input checked="" type="checkbox"/> | I | 5,341,474 | 08/00/94 | Gelman, et al. | 395 | 200 | |
| <input checked="" type="checkbox"/> | J | 5,345,437 | 09/00/94 | Ogawa | 370 | 13 | |
| <input checked="" type="checkbox"/> | K | 5,367,540 | 11/00/94 | Kakuishi, et al. | 375 | 103 | |
| <input checked="" type="checkbox"/> | L | 5,371,532 | 12/00/94 | Gelman, et al. | 348 | 7 | |
| <input checked="" type="checkbox"/> | M | 5,379,441 | 01/00/95 | Wantanabe, et al. | 395 | 800 | |

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|----------|---|--------------|----------|--------------------|-------|----------|-------------|
| <i>✓</i> | A | 5,390,239 | 02/14/95 | Morris et al. | 379 | 93 | |
| <i>✓</i> | B | 5,400,322 | 03/00/95 | Hunt, et al. | 370 | 19 | |
| <i>✓</i> | C | 5,404,388 | 04/00/95 | Eu | 379 | 24 | |
| <i>✓</i> | D | 5,408,260 | 04/00/95 | Arnon | 348 | 6 | |
| <i>✓</i> | E | 5,408,522 | 04/95 | Ikehata, et al. | 379 | 98 | |
| <i>✓</i> | F | 5,408,527 | 04/00/95 | Tsutsu | 379 | 211 | |
| <i>✓</i> | G | 5,408,614 | 04/00/95 | Thornton, et al. | 395 | 275 | |
| <i>✓</i> | H | 5,410,264 | 04/00/95 | Lechleider | 327 | 311 | |
| <i>✓</i> | I | 5,410,343 | 04/00/95 | Coddington, et al. | 348 | 7 | |
| <i>✓</i> | J | 5,412,660 | 05/95 | Chen, et al. | 370 | 110.1 | |
| <i>✓</i> | K | 5,414,455 | 05/95 | Hooper, et al. | 348 | 7 | |
| <i>✓</i> | L | 5,414,733 | 05/00/95 | Turner | 375 | 233 | |
| <i>✓</i> | M | 5,422,876 | 06/00/95 | Turudic | 370 | 15 | |

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| <i>ex</i> | A | 5,428,608 | 06/00/95 | Freeman, et al. | 370 | 60.1 | |
| <i>ex</i> | B | 5,440,335 | 08/00/95 | Beveridge | 348 | 13 | |
| <i>ex</i> | C | 5,442,390 | 08/00/95 | Hooper, et al. | 348 | 7 | |
| <i>ex</i> | D | 5,444,703 | 08/00/95 | Gagliardi, et al. | 370 | 60.1 | |
| <i>ex</i> | E | 5,452,306 | 09/00/95 | Turudic, et al. | 370 | 110.1 | |
| <i>ex</i> | F | 5,453,779 | 09/00/95 | Dan, et al. | 348 | 7 | |
| <i>ex</i> | G | 5,461,415 | 10/00/95 | Wolf, et al. | 348 | 7 | |
| <i>ex</i> | H | 5,461,616 | 10/00/95 | Suzuki | 370 | 79 | |
| <i>ex</i> | I | 5,461,640 | 10/00/95 | Gatherer | 375 | 231 | |
| <i>ex</i> | J | 5,469,495 | 11/00/95 | Beveridge | 379 | 56 | |
| <i>ex</i> | K | 5,475,735 | 12/00/95 | Williams, et al. | 379 | 59 | |
| <i>ex</i> | L | 5,477,263 | 12/00/95 | O'Callaghan, et al. | 348 | 7 | |
| <i>ex</i> | M | 5,479,447 | 12/00/95 | Chow, et al. | 375 | 260 | |

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| <input checked="" type="checkbox"/> | A | 5,495,483 | 02/00/96 | Grube, et al. | 370 | 95.1 | |
| <input checked="" type="checkbox"/> | B | 5,513,251 | 04/00/96 | Rochkind, et al. | 379 | 93 | |
| <input checked="" type="checkbox"/> | C | 5,517,488 | 05/00/96 | Miyazaki, et al. | 370 | 16 | |
| <input checked="" type="checkbox"/> | D | 5,528,585 | 06/00/96 | Cooley, et al. | 370 | 56 | |
| <input checked="" type="checkbox"/> | E | 5,546,379 | 08/00/96 | Thaweethai, et al. | 370 | 17 | |
| <input checked="" type="checkbox"/> | F | 5,574,724 | 11/00/96 | Bales, et al. | 370 | 68.1 | |
| <input checked="" type="checkbox"/> | G | 5,583,872 | 12/00/96 | Albrecht, et al. | 370 | 476 | |
| <input checked="" type="checkbox"/> | H | 5,598,406 | 01/00/97 | Albrecht, et al. | 370 | 296 | |
| <input checked="" type="checkbox"/> | I | 5,602,902 | 02/11/97 | Satterlund et al. | 379 | 59 | |
| <input checked="" type="checkbox"/> | J | 5,604,741 | 02/00/97 | Samueli, et al. | 370 | 402 | |
| <input checked="" type="checkbox"/> | K | 5,610,910 | 03/11/97 | Focsaneanu et al. | 370 | 351 | |
| <input checked="" type="checkbox"/> | L | 5,619,505 | 04/08/97 | Grube et al. | 370 | 476 | |
| <input checked="" type="checkbox"/> | M | 5,631,897 | 05/20/97 | Pacheco et al. | 370 | 237 | |
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| <i>✓</i> | A | 5,668,857 | 09/16/97 | McHale | 379 | 93.07 | |
| <i>✓</i> | B | 5,678,004 | 10/14/97 | Thaweethai | 595 | 187.01 | |
| <i>✓</i> | C | 5,680,394 | 10/21/97 | Bingham et al. | 370 | 294 | |
| <i>✓</i> | D | 5,687,176 | 11/11/97 | Wisniewski et al. | 370 | 476 | |
| <i>✓</i> | E | 5,737,364 | 04/07/98 | Cohen et al. | 375 | 220 | |
| <i>✓</i> | F | 5,751,701 | 05/12/98 | Langberg et al. | 370 | 281 | |
| <i>✓</i> | G | 5,756,280 | 05/26/98 | Soora et al. | 455 | 4.2 | |
| <i>✓</i> | H | 5,770,950 | 06/23/98 | Zurcher et al. | 326 | 30 | |
| <i>✓</i> | I | 5,781,617 | 07/14/98 | McHale et al. | 379 | 93.14 | |
| <i>✓</i> | J | 5,790,550 | 08/04/98 | Peeters et al. | 370 | 480 | |
| <i>✓</i> | K | 5,799,017 | 08/25/98 | Gupta, et al. | 370 | 419 | |
| <i>✓</i> | L | 5,812,786 | 09/22/98 | Seazholtz et al. | 395 | 200.63 | |
| <i>✓</i> | M | 5,822,374 | 10/13/98 | Levin | 375 | 260 | |

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| <i>A</i> | A | 5,841,842 | 11/00/98 | Baum, et al. | 379 | 93.32 | |
| <i>B</i> | B | 5,852,604 | 12/00/98 | Cooley, et al. | 370 | 324 | |
| <i>C</i> | C | 5,852,633 | 12/22/98 | Levin et al. | 375 | 260 | |
| <i>D</i> | D | 5,852,655 | 12/22/98 | McHale et al. | 379 | 93.14 | |
| <i>E</i> | E | 5,909,463 | 06/01/99 | Johnson et al. | 375 | 220 | |
| <i>F</i> | F | 5,987,069 | 11/16/99 | Furukawa et al. | 375 | 285 | |
| <i>G</i> | G | 6,002,722 | 12/14/99 | Wu | 375 | 295 | |
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